



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/694,138

10/27/2003

Lee C. Moore

D/A2471

3243

41030 7590 08/08/2008
ORTIZ & LOPEZ, PLLC
P. O. BOX 4484
ALBUQUERQUE, NM 87196-4484

EXAMINER

MCCORMICK, GABRIELLE A

ART UNIT

PAPER NUMBER

3629

MAIL DATE

DELIVERY MODE

08/08/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/694,138	Applicant(s) MOORE, LEE C.	
	Examiner Gabrielle McCormick	Art Unit 3629	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 July 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Status of Claims

1. This action is in reply to the Request for Continued Examination filed on July 7, 2008.
2. Claims 1, 4-6, 8-9, 12-13, 15-16, 18 and 20 have been amended.
3. Claims 1-20 are currently pending and have been examined.

Previous Claim Objections

4. The labeling of claim 18 as to its amended status has been rectified. The objection is withdrawn.

Previous Claim Rejections - 35 USC § 112

5. The Examiner thanks the Applicant for the amendments made to claims 1, 5, 8, 9, 13 and 18-20 to overcome previously cited rejections. The previous rejections are withdrawn.

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. **Claims 1-11 and 13-20** are rejected under 35 U.S.C. 103(a) as being unpatentable over Lundgren (US Pub. No. 2003/0048471) in view of Marsh (US Pub. No. 2002/0061238) in view of Ross (US Pat. No. 5,465,213).
8. **Claims 1-11 and 3-20:** Lundgren discloses providing aircraft passengers (i.e., travelers) with Internet access (para. [0003]) whereby a "laptop computer or handheld computer" is connected "to an Internet web site for accessing a printing management application" where printing is performed "at a designated airport or at other locations designated by the user." (para. [0007]).

When selecting the printing and delivery options, including printing to printers at airports, the traveler is able to electronically select production facilities near the traveler's destination. (para. [0018]). The document is printed at the location specified by the traveler and is picked up "at the airport after the aircraft has landed." (para. [0020]), thus the document is distributed to a pick-up facility as chosen by the traveler, wherein the destination is an *en-route stop*. (Any airport is considered an *en-route stop* as the document is picked up after landing.) Lundgren discloses that documents can be reviewed from the Internet (para. [0004]). In this regard, it is obvious that documents that are reviewed from the Internet include previously published works, i.e., *publications*. Therefore, publications are ordered from the Internet when the traveler provides user ID and billing information to the printing services application (para. [0018]). Lundgren further discloses requiring "user identification (ID) and account information, including billing information such as a credit card number" be provided to the printing services application. This information is used to "track any print job initiated through the printing services application." (para. [0018]). It is obvious that upon pick-up of the selection, the traveler's identity would be authenticated in that the print order would be matched against the user ID and the billing information provided by the traveler when the selection was ordered. A remote pick-up location would be motivated to verify customer IDs and account information to ensure that print orders are released to the customer who ordered it. By teaching a system where on-board and remote printing operations of documents on the Internet (P[0004]) are performed for a fee, printing on demand is performed.

9. Lundgren does not disclose *a catalog from which publications can be selected* or that the print on demand system prints a publication cover and binds the publication block of the selection from the catalog. Lundgren does disclose Internet access during a flight where travelers can access Internet services. This disclosure of Internet access during a flight obviously includes access to web based businesses. Lundgren discloses picking up the printed document "at the airport after the aircraft has landed" (P[0020]), but does not explicitly disclose a store, vending machine, kiosk, or location near the arrival gate.

10. Marsh discloses an online system for ordering and printing books on demand in which customers access via the Internet to view the books in the digital library (i.e., preview the books in a catalog or database), select and order the book and command the book to be printed, bound and trimmed. (P[0112]). This act of accessing a catalog over the internet while traveling (i.e., the combination of Marsh's catalog with Lundgren in-flight internet access via a laptop) discloses the limitation of *wherein the catalog is located on-board a vessel*. Marsh also points to US Pat. No. 5,465,213 (Ross) as providing the teaching for accessing via the Internet to order a book to be printed on demand. (P[0112]).
11. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have included selecting and previewing publications to be printed from an online catalog, as disclosed by Marsh in the system disclosed by Lundgren, for the motivation of providing a convenient means of shopping. Catalogs are an old and well known form of perusing items available for purchase that affords the customer convenience. By having provided Internet access to airline passengers, Lundgren foresaw the use of Internet shopping, and therefore, the obvious need for catalogs (Lundgren; para. [0003]: the system offers "Internet services while in-flight"). Therefore, ordering anything from the Internet, including books to be printed on demand, is an obvious expansion of Lundgren's system.
12. Ross discloses a kiosk based system where a customer views "promotional sales information" (i.e., a catalog), purchases the book through system which initiates printing of the book and cover and finally binding. (C1; L55 – C2; L32). Ross discloses that the "floor space required for the book manufacturing system...is somewhat larger than an ordinary office desk..." (C2; L57-59). Ross also discloses using a WAN for a user to select a book where the WAN includes "satellite communications". (C12; L38-56). Ross further discloses both a kiosk and a store (C1; L63-C2; L15).
13. Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to have expanded the system of Lundgren to include the print on demand system of Ross/Marsh wherein a book is order via the Internet and printed and bound with a cover and picked-up at a

Art Unit: 3629

store or kiosk since the claimed invention is merely a combination of old elements, and in the combination each element would have performed the same function as it did separately, and one of ordinary skill in the art would have recognized that the results of the combination were predictable.

14. Specifically, it is predictable that the system of Lundgren, which discloses ordering and purchasing printed documents, when expanded to include the automatic thermal binding machine which is used to bind the text pages into the cover (Ross; C2; L27-29), would still perform the function of printing ordered documents. As the floor space requirements for the entire book manufacturing system of Ross is "somewhat larger than an ordinary office desk", it is obvious that the system of Lundgren would be capable of the expansion to include the added binding machine. It is also both obvious and predictable that the document printed using Lundgren's system and available to be picked up at the airport would consist of a store.
15. Lundgren/Marsh/Ross does not explicitly disclose that *the catalog can be made available in printed form*, however, it is obvious that airlines provide in-flight catalogs, (i.e., *wherein the catalog is located on-board a vessel*) such as "SkyMall", therefore it is obvious to expand the combined system of Lundgren/Marsh/Ross to include a printed catalog. One would be motivated to do so in order to minimize both the cost of the in-flight Internet access and the use of the laptop battery. By providing a printed catalog, the traveler is able to leisurely peruse the selections available then connect to the Internet just to make the purchase.
16. **Claim 12** is rejected under 35 U.S.C. 103(a) as being unpatentable over Lundgren (US Pub. No. 2003/0048471) in view of Marsh (US Pub. No. 2002/0061238) in view of Ross (US Pat. No. 5,465,213) in further view of PR Newswire ("iUniverse Secures Additional \$18 Million in Funding". PR Newswire. New York: Oct. 15, 2001. pg. 1).
17. **Claim 12:** Lundgren/Marsh/Ross disclose previewing and selecting, but do not disclose that the publication includes *only selected chapters of a book or several publications in a single, bound publication*.

Art Unit: 3629

18. PR Newswire, however, discloses customs book programs that allow customers to “browse, compile and purchase books compiled from individual chapters of selected Microsoft, Frommer’s, Cliff Notes and Dummies Guide titles.” (pg. 1; para. 3).
19. Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to have included selecting chapters to create a custom book, as disclosed by PR Newswire, in the system of Lundgren/Ross/Marsh for the motivation of providing content that suits a customer’s specific needs. It is obvious to order the printing of selected chapters, such as from a travel book (such as Frommer’s) in order to minimize the amount of printed pages that a traveler carries. The traveler of Lundgren’s system would be motivated to print out only the material (i.e., the chapters of a travel guide) that pertains to the sites, hotels, or restaurants of interest to him. The option to print only the selected chapters provides concise and pertinent information without creating the burden of carrying too much information.

Response to Arguments

20. Applicant’s arguments with respect to claims 1-20 have been considered but are moot in view of the new ground(s) of rejection.
21. **Note:** Claims 1-3, 6-7, 10-12, 14-16 and 18 contain phrases that use the terms “can”, “may” or both, followed by some function. Though the Examiner has applied art to these phrases, the use of “can” and “may” does not positively claim the function, therefore, as written, these phrases are not given patentable weight. For example, claim 1 recites “a catalog from which publication **can** be selected”. As written, the claim does not positively claim a limitation of selecting publications. Another example from claim 1: “the destination selected by the traveler **may** include an en-route stop...”. The Applicant is advised to review the claims to ensure that claims are written so as to ensure patentable weight is given to the limitations.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gabrielle McCormick whose telephone number is (571)270-1828. The examiner can normally be reached on Monday - Thursday (5:30 - 4:00 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Weiss can be reached on 571-272-6812. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/G. M./
Examiner, Art Unit 3629

/John G. Weiss/
Supervisory Patent Examiner, Art Unit 3629